

Product Datasheet

beta-III Tubulin Antibody (SP06-00) NBP2-67374

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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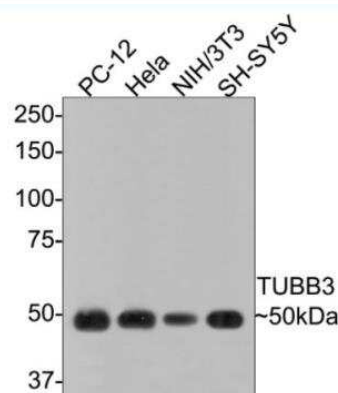
NBP2-67374

beta-III Tubulin Antibody (SP06-00)

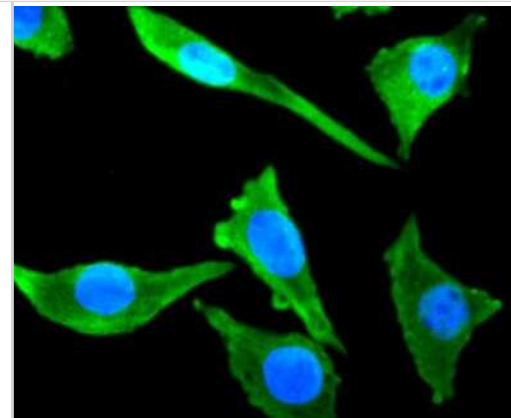
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SP06-00
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	10381
Gene Symbol	TUBB3
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human beta-III Tubulin aa 392-441 / 450. (SwissProt: Q13509 Human; SwissProt: Q9ERD7 Mouse; SwissProt: Q4QRB4 Rat)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200, Immunohistochemistry-Frozen 1:100

Images

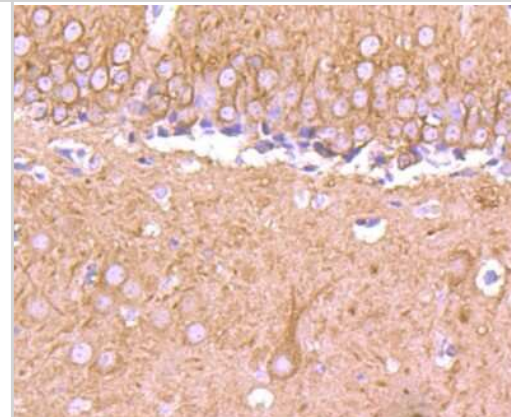
Western Blot: beta-III Tubulin Antibody (SP06-00) [NBP2-67374] - Analysis of Beta III Tubulin on different lysates with Rabbit anti-Beta III Tubulin antibody at 1/500 dilution. Lane 1: PC-12 cell lysate, Lane 2: Hela cell lysate Lane 3: NIH/3T3 cell lysate, Lane 4: SH-SY5Y cell lysate. Lysates/proteins at 10 ug/Lane. Predicted band size: 50 kDa, Observed band size: 50 kDa. Exposure time: 30 seconds; 8% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



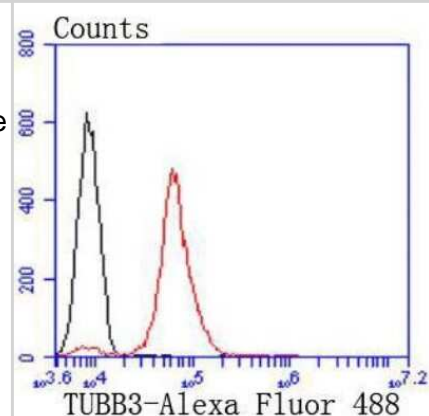
Immunocytochemistry/Immunofluorescence: beta-III Tubulin Antibody (SP06-00) [NBP2-67374] - Staining Tubulin beta-III in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



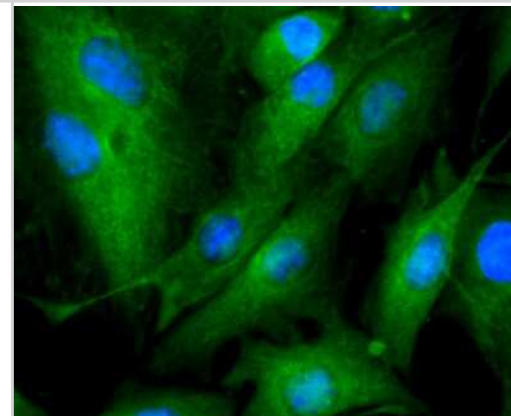
Immunohistochemistry-Paraffin: beta-III Tubulin Antibody (SP06-00) [NBP2-67374] - Analysis of paraffin-embedded mouse brain tissue using anti-Tubulin beta-III antibody. Counter stained with hematoxylin.



Flow Cytometry: beta-III Tubulin Antibody (SP06-00) [NBP2-67374] - Flow cytometric analysis of beta-III Tubulin was done on N2A cells. The cells were fixed, permeabilized and stained with the primary antibody (1/50) (red). After incubation of the primary antibody at room temperature for an hour, the cells were stained with a Alexa Fluor 488-conjugated Goat anti-Rabbit IgG Secondary antibody at 1/1000 dilution for 30 minutes. Unlabeled sample was used as a control (cells without incubation with primary antibody; black).



Immunocytochemistry/Immunofluorescence: beta-III Tubulin Antibody (SP06-00) [NBP2-67374] - Staining Tubulin beta-III in SHG-44 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.





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Products Related to NBP2-67374

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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-22901	Recombinant Human beta-III Tubulin His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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